

Linked Data Benchmark Council: 12 years of fostering competition in the graph processing space

Gábor Szárnyas
gabor.szarnyas@ldbouncil.org
Linked Data Benchmark Council
The Netherlands

ABSTRACT

The Linked Data Benchmark Council (LDBC) was originally created in 2012 as part of a European Union-funded project of the same name. Its original goal was to design standard benchmarks for graph processing and to facilitate competition among vendors to drive innovation in the field. 12 years later, the LDBC organization has 20+ member organizations (including database, hardware, and cloud vendors) and has five standard benchmark workloads, with frequent audit requests from vendors. Moreover, LDBC extended its scope behind benchmarking to cover graph schemas and graph query languages, and has a liaison arrangement with the ISO SQL/GQL standards committee. In this talk, I will reflect on the LDBC's organizational history, goals, and main technical achievements.

ACM Reference Format:

Gábor Szárnyas. 2024. Linked Data Benchmark Council: 12 years of fostering competition in the graph processing space. In *Companion of the 15th ACM/SPEC International Conference on Performance Engineering (ICPE '24 Companion)*, May 7–11, 2024, London, United Kingdom. ACM, New York, NY, USA, 1 page. <https://doi.org/10.1145/3629527.3652889>

Permission to make digital or hard copies of part or all of this work for personal or classroom use is granted without fee provided that copies are not made or distributed for profit or commercial advantage and that copies bear this notice and the full citation on the first page. Copyrights for third-party components of this work must be honored. For all other uses, contact the owner/author(s).
ICPE '24 Companion, May 7–11, 2024, London, United Kingdom
© 2024 Copyright held by the owner/author(s).
ACM ISBN 979-8-4007-0445-1/24/05
<https://doi.org/10.1145/3629527.3652889>